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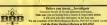
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September 9th, 1991 STANLEY PARK PAVILION Call 683-VNUG

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other sources. The commerces includes

for information & Confirmation Seeds behavior reserves as Married Face Study Underway

Hanne Office content for pay

is your bonne office should be theyeast by both your budget and your conjuga-ments. It's possible to spend as little as

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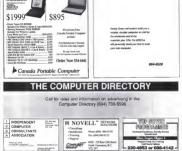
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78 THE COMPUTER FARTS. AUG '91
Advertisers' Index

## Our Prices Can't Be Kept Secret Much Longer!











AUGUST 199

#### Home Market **Applaudes** HeadStart

Since ANO beautic arriving the HeadStart total home/small huseseller. The drawing force behind its success is that it is a complete ava-

And we mean complete. Aside from the VCA colour graphics and hard disk, each Houditart comm-

carlopedia PC Clobe Microsoft Bookshelf, Mayor Beacon Traches Typing, Quattro 1.0 Spreadsheet, Q&A3.0 (wordprocessor and data

cublishing)

For potential personal comcuter users who are located in Juctant to purchase a system. Philups includes 1-800 support for every system. We've tested out News one there're two notes. The knowledgestale members on the other end of the phone gave us the

If you're considence octions a worth looking into Privat at \$ 2.850 for the 386ss and 5.2.420 for

the 286 it certainly won't hurt the rawkethook either. AND

**ANO To Carry Canofile** 

Pridimprov menotrations with Conon Coracle Inc. hove resulted in the marketing of the Cunotie 250 desktop electronic filing system by ANO Office Automotion. The Canoble product is revolutionary in that it provides a cost effective volution to document management. Unlike other electronic document management systems costing surveys of \$ 100,000 the Carrollle weeks

"This is the first time the Canofile is being offered through a systems dealer" applicate Mr. Clea Consumbase of Canon "Our relationship with

The Canadia Witness he featured in Section box at Market Discourse St. and the Vancouver Business Computer Show. Roaders of ANOVATION can look

### forward to a full length profile in the September issue **7enith Breaks Barriers**

been an innovator of leading edge the EISA "cane of rine", the ACT oresestium, and MPC (multi-me-

Data Systems has been relatively Bull on 1000



# INSIDE THIS ISSUE Duel-on Bos

Tach Talk Employee Purchase Plans

206 5 0 Many AST Developer LANtardic 4.0

A Monthly Newsletter from ANO Office Automation

#### Zonith Continued

Oriet to the certaric world maybe, but working diligently on bringing Zenath back to the forefroat in portable computing technology. This is reflected in their 5 new portable products unveiled at this years Spring Courdey. The annet and able offerings include the first battery contrated 456 and 486cy nortable, and the first portable based on the intel

The 3865L is already being heralded as one of the most technologically innovative products since the buttery oper-



The Z-MA/SMT server in larg an autouric consisson and preferences

Connectivity

ated Zenith SupersPort.

What makes the MastersPort/SL to unique is its ability to lest an appearage of 8 hours on a smale battery charge. Not too shabby considering the average portable lasts agowhere from 45 monates to 3 hours with average use. Sifter you can leave it on for three weeks without havere to mehama the unit doesn't have an ON/OFF spitch. And opositedose personate fission, it only takes an hour to perhappe

to full lead "Amobody who thought Zonith Data Sestems was dead in the water is sadly mustaker. The SL, our 486 portables. and over marticipation with the ACE Consortram truly reflores a company on the move," proclaims Kosta

Chatriopiros, Director of Sales & Marketing for Zouith's Reseller Channel at a recent open house at the new Vancouver facilities. For information and availability, please contact the

AND office closest to you

In exhaustern from ZDS two new LAN original great sorts how been released -an incredibly potent LAN fileserver and a presentation of AN workstation. The server is based on the ESSA architecture with a powerful RADE 5 SCSI disk subsystem, while the low profile workstation bosses an hand to belief a Miles processor. Buth any currently a himpine

and

### **Novell Revamps Netware**

Novell Inc of Provost, Utah recently revamped its Netware product line. The move includes a name change of its 366 network operating system from Network 386.3.1 to Network 3.11, and the merging of the four ELS and Advanced products to Netware 2.2 - with some major and manor additions added to both product lines. "This certainly makes our job and the customer's buying devision source", explains Carmine DiMoson Manager of

ANO's Network Information Systems Group, "Even though Netware is the number one PC based network OS on the market (50%+ share), thus can only make it a stronger product." One masses why many small husinoster avoided buying into Netware was out of shear confusion. Although upgrades

were available from one level to the next, each offered such a wide range of features and advantages, the apgrade path officeed little correlant. By makeup 3.11 and 2.2 completely deligned, selecting a version is cut and dry-you either need one ---For users that already have invested into FLS. Advanced, or 386 an upperade is available directly through Novell. If

nurchourd after April 1, 1991 the unsecode in free (until September 30, 1991), otherwise you should contact Novell at 1-800-NETWARE

Cost Effective

### ANO Unveils Business Class For Economy

The signature of ANOOffice Auto- " As a multi-million dellar company cational, and international corporate mation has always been affordable matalline introduce recomment edu-accounts we cannot afford to let gar-

product backed by a powerful service network. On May 31 1991 this was taken one step further with the intro-

duction of the Business Class Class line ranges from a slim line 286 based network station, all the way up to a powerful tower ESiA 33MHz 486. One of the most flexible lines of personal committees on the market, each system is

configurable to any users Talkens above this new CEC of ANO Office Automa-

bage walk out our doors Which is why committees bunne the Business Class logo will set a new standard for cost effective computing A standard which our competition will be hard prowed to duplicate "

market have been overwhelming Historically sales figures tend to drop 3792. below the monthly mean during June. This year. however, sales drooped a average Significantesylence that the Basiness Class will

Took Talk with East No.

### Video Memory

Calc base color & COL a pre-preparate based Males seed, build

A. Valeo memory is similar to memory in a laser printer in that it down't improve speed, but simply what it is capable of reeducing Let us explain on a laser remain the arrespect of memory dictates the arrespect of excellent it is canable of remains on

one ware. With a video card it means the number of colcurs it is carable of displaying on the monitor abone time (see Figure 1.1) The advantage to more colours is that at hugher resolutions the picture is more realistic. Of course the software you

the most also compart the video card and its extended manistrans 1004 - 700 900 - 600 640 × 490

258K	4	16.	16.
512K	18	200	258
IMS	256	256	32,768

#### 11.1.1.11

### **Employee Purchase Plans**

The personal computer has meant a massive shift in the employment market. Componen that are automating for

tempoyation survivo. Component uses are associated systems the first time, or are shifting to never automated systems are often forced to either spend a lot of money on training or look elsewhere for help One way to avoid this differents in by having PCs in the employees homes. This has other sade benefits such as

reduced exployee harmover, essuer acceptance of new technologies, the attility to promote within, and bulk buying discounts.

In this article we will give you some ideas on how to implement an employee purchase plan (EFF). Through percept implementation in EFF can every coefficiable for

### everyone whe's involved.

STEP 1
Before anything else a group of people (an odd number is preferred) should be relegated the responsibility of or ganzahon. Since EPFs are very time consuming it is best if the responsibilities are broken down. Also, the people involved though the relatively knowledgeable about com-

puters and the market place.

By having a group of people you well also be reducing, any biases towards one particular vendor. The successful vendor should be selected on their ments and ability to service the new computer users.

#### STEP 2

The next step is to growest mentagement with a gropound. Offer various options on how you gloss on might menting such a project. The mont significant various let us company of current is what it will count them. Many or presentances other subslictives in the form Many or presentances, or culticast sincerture income through a breaking imbiliation via a guarantee by the company, or a subshary directly from the country of the contractive of the contractive of the contractive of the country of the contractive of country or contractive to inspect the contractive of this consect and their join more of an investment.

### than an expense

After the finance portion has been mored out, it is torue to petition the employees. Because to include an area in your petition for the type of continues the would be missested as an area.

PIANS
whe the amount of money they would be willing to spend. The

#### unformation you collect will be vital when approaching computer windors for pricing

#### STEP

Approach at least 5 different veridors with your peoposal. Be sure to give them as much information as

Asale from pricing, you should also get some information on the following:

- Years in business;
- Years in business;
   References from other companies they have done

  EFFs with:
- 3 Support policy, 4 Training options, 5 Entern policy.
- Number & quality of support staff.
   Shupping arrangements.
- 8 Terms of the sale.
  Don't leave anything out. Forgetting something could lead to broad aches in the long rap.

STEP 5

Core of the most dangerous things about evaluating a sensitivity representation of the transfer.

Continued on Page 6



### Time Sour



Many offices already ensoy the numerous benefits of operating Canon laser printers. Scalable and notatable facts flexibility of name backline symplicity of use low malpienonce costs, and crisp share characters and graphers overy time. Elevability of everythandling, in a bath volume office on in a personal interpretation of the biometer or and The Canon dual Bin Printers offer sust that - flow below

They save time while done more. Stalling a print sob while finding some way to change from letter to legal power or to prost the employe alone sale the letter is a thing of the past with the LBPS Mark IET and EIR Now the power of Canon's CaPSL Immusaus, an 8FPM Canon Engine, 32-bit percentage and dual big to beginner are burnlied together

#### DD-0 MADK HIT

The Canon LEP, S.Mark BIT offices don't paper causettes that together hold up to 400 sheets. You can choose between letter, local, executive. A4 and envelope trave and use them in more combinations with betterhood and solute or for solution about low up no more declaracy than Canan's LRP

#### LBP-8 MARK IIIR

Looking for that extra edge on the competition while sevene some money? The Canas Mark IIIR offers professocial loolong, cost effective printing with the added conversionce of dupley printing - printing on both sides of the maner. No longer dozon have to waint time trying to furure out how to flip your documents over marrially to print on both rades. When you start printing on both sides of your marger was after weightly documents. Eighten mailing costs. and alimenate the extenulation of long thank percents

#### VIRTUALLY MAINTENANCE-EDEE

As with the entire line of Canon laser printers, maintemance costs are kept at a memorium by using an all-in-one disnosable EP cartridge system. Essentially the dram. developer and toner are combined in an easy to install cartridge. Every tune you replace the EP cortridge the printer is virtually brand new again.

If you have been lookage for a printer to handle block volume or to attach to your LAN the Canon LBP-8 Mark IIIT and Mark IIIR are definitely wenth checking into

### DOS 5.0 Is Here

In the December 1990 issue of ANOVATION we automored that Microsoft was working on DOS Version 5.0. This latest and probably the greatest release is now on the shelves and shapping in full force. What makes DOS 5.0 so much different from earlier releases, was Microsoft's commitment to the needs of the end

usees. We wanted more base memory to run applications - they delivered with flying colours. We wanted a help function for command sequences - they delivered. We wanted trait meltching - they delivered. We wanted unrial utilities - they delivered. And they continued to deliver with a new improved BASIC programme language, a built in text editor, and

For most users the biggest advantage will be the freeing up of base memory. On a 386 existem with nothing loaded but the COMMAND.COM as much as 627K of base memory is fixed up-a far cry from DOS 3.3 and 4.01. This ad blooms memory will make network administrator's and power users work a lot happen.

Helimiy Hand -

Lone Awarted

#### Employee Purchase Plans Continued

can look good on paper. If at all possible try to visit each

vendors office or get some abotographs. Sometimes the best price is not always the best value. You want a windor the deal treather, have the successful wender recovide was who becard only bornary and audille but one which will be there in the fig-

thomeht.

Take special care in deciding on what equipment to go with. Although most PC's nevery much look the same from the outside it is the inwards that are important. On name brand systems such as Phillips / Magnavox, AST, Zenith, and Samsung. quality is not an issue. However, the so-called ciones require a little more

"Sometimes the best price is not always the best

value

IN SUMMARY In summary, here are the stops in preparine an EPP

Form cummittee (S or more

with a seneric order form for the

employees to fill out. This will make

life much easier for both the windor and yourselves.

- preferred), Prepare proposal for the company;
- Petition the employees; 4. Solicit proposals from

ALVIE .

Once everything has been selected and it is time to put

Order consprient: EPTs are an excellent opportunity for both the com-

employees should you make the wrong decision. the employees one day for each vendor should suffice. If avstems and peripherals for display.

With a clone, take special case to assure you are eviding good value for your money. Sloppy workmarchip and a poor grade of components will lead to a lot of unhances

If at all possible set ande a week for the vendors to demonstrate their products when it is most convenient for

pusy and its employees. Taking the time to do it right will this is not possible, have the vendors send up sample make all the difference in the world

### In With The New

AGT Passageh of Miserwanes CN recently released three exciting new desiston products. The most important being a Prentium II system based. second lately near differ processor.

#### PREMIUM II 486av/20 What makes the 486sx processor

different from the standard 486 procmage. By removing the co-processor, Intel was able to provide a solution for the business user that doesn't require Booting point function this A 487rd co-processor is available as an upgrade feature for those who may need it in Although it is only operating at

20MHz the 4Mer is reported to be because 30 to 40% faster than a 33MHz 366 system. Thus is accomplished through an HV on-thin cathe and Networking Windows

AST's Promoum II 48fee system in definitely worth taking a look at Stanfull C1 (1987)-72 unwradeability should one need to move unto a 486 / 33 or 586

inexpensive workstations by replacing the 286 and 356sx systems with a

from the processes changes other enhancements have been made includary ecoandability to 16M6 on-board. the shelite for the 256 to be recorded to a 2004 this 366ox was a plant on madule

competitively, making them an excel-

### LANtastic 4.0 Adds Windows



Artisoft Inc. of Tucson, Arizona. has recently begun shipping version 4.0 of their meand semming LAN hatte post-to-near activists apprehing system. One of the barrent advancements with this year release is the addition of support for Wm-lows 3.0 support In all three modes on other the coross & /or

which offers a windows interface to the NET and NET-MCR propriate including icons, and rull down mercus without loss of functionality Other enhancements melude an

even further simplified installation routing, the ability to unload the beach command execution, direct support for Uninteruptable Power Suppies, more advanced utilities, and a site learner option for up to 300 users. For information on unreading

please contact the ANT office positive

load

#### **Lights Out** - Total May Dooked

In previous assues we have made mention of Uninteruptable Power Supplies This was not intended to scare you into investing in one, we

stories are something completely different. They are reality. And believe you me I have been witness. to reality on more than one

lane day. I was working on a

hart recently, on a beautiful surroy

Of course I lost anything that hadn't been amounted to about 3 minutes). The UPS ever hard the system receipe beautifully do a short-force and from at old. Without this lattle misce of handscare I don't no

file system is a definite possibility New I'm not preaching, but anyone with a network that is without some form of

trouble. According to statistics, power as the major cause of system failures. A

1 DS as every than an expense, if is an

I neverth necessarily recommend the American Power Conversion (APC for chost) has of sendonts. These have mornithme from a LPS for a stand alone station, to a but gun product to bandle the beauty south-

Take it from me it only takes one incident to appreciate the true value

expenence at four times. Guess you can amagine how appreciative I am ANC



----- W -----W



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Please have an ANO Rep contact me Plane and an man beforestion on

Head Quet Zenith Lan Torre Canofile Canon Laser Printers Zenith Lan Polocta Business Class PC's Lantoots: 40

DOSSO AST Desiston PC's ADCLESS